

GPS_TIME

Version Description Document

GPS_TIME Version 1.0.0.0 for GCCS Version 2.2

30 September 1996

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GPS_TIME VDD

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1.0 System Overview

The Common Operational Picture (COP) is a software application for the Global Command and Control System (GCCS) Version 2.2 on Unified Build (UB) Version 3.0.1.6G. The COP allows the near real-time exchange of track data between participating nodes on a wide area network (WAN) and/or a local area network (LAN). The GPS_TIME segment is one segment within the COP software application. It provides the capability for a SPARC® SunStation™ computer running Solaris™ Version 2.3 to keep its system time in sync with the time from a Global Positioning System (GPS) receiver.

2.0 Referenced Documents

The following document is referenced in this VDD:

- GPS_TIME Software User's Guide, GPS_TIME Segment Version 1.0.0.0 for GCCS Version 2.2, 30 September 1996.

3.0 Version Description

The following subsections describe GPS_TIME Version 1.0.0.0.

3.1 Inventory of Materials Released

The following physical media and associated documentation make up GPS_TIME Version 1.0.0.0:

- One digital audio tape (DAT) labelled “GPS_TIME 1.0.0.0 Segment Software for GCCS 2.2, 8mm Cartridge, SPARC UNIX - Solaris 2.3, September 30, 1996.”
- GPS_TIME Software User’s Guide, GPS_TIME Segment Version 1.0.0.0 for GCCS Version 2.2, 30 September 1996.
- GPS_TIME Version Description Document, GPS_TIME Segment Version 1.0.0.0 for GCCS Version 2.2, 30 September 1996.

3.2 Software Changes

The GPS_TIME segment enables a node to synchronize its system clock to match the time provided by the Global Positioning System (GPS). This segment can only be installed if the node has access to a GPS device through a serial line and a SPARC SunStation computer running Solaris.

4.0 Installation Instructions

For instructions on installing GPS_TIME Version 1.0.0.0, see the GPS_TIME Software User's Guide, GPS_TIME Segment Version 1.0.0.0 for GCCS Version 2.2.

5.0 Known Problems and Errors